Contents

Agid Y → Pierrot-Deseilligny C
Amaral DG → Pitkänen A
Aoki F: Activity patterns of upper arm muscles in relation to direction of rapid wrist movement in man 679
Arckens L → Demeulemeester H
Avoli M → Hwa GGC

Baimbridge KG → Freund TF
Baker HF → Ridley RM
Baldissera F, Cavallari P, Marini G, Tassone G: Differential control of in-phase and anti-phase coupling of rhythmic movements of ipsilateral hand and foot 375
Baloh RW, Demer J: Gravity and the vertical vestibular-ocular reflex 427
Barnabei O → Virgili M
Bayliss DA → Czyzyk-Krzeska MF
Beal JA, Nandi KN, Knight DS: Neurons with asymmetrical dendritic arbors in the substantia gelatinosa of the rat spinal cord 225
Belan PV → Kostyuk PG
Belton T → Cullen KE
Benecke R, Meyer B-U, Freund H-J: Reorganisation of descending motor pathways in patients after hemispherectomy and severe hemispheric lesions demonstrated by magnetic brain stimulation 419
Berardelli A → Deuschl G
Berretta N, Berton F, Bianchi R, Capogna M, Francesconi W, Brunelli M: Effects of dopamine, D-1 and D-2-dopaminergic agonists on the excitability of hippocampal CA_1 pyramidal cells in guinea pig 124
Berthier NE, Moore JW: Activity of deep cerebellar nuclear cells during classical conditioning of nictitating membrane extension in rabbits 44
Berton F → Berretta N
Bestetti GE → Rossi GL
Bianchi R → Berretta N
Bonaventure N → Yücel YH
Brandes L → MacDonald JF
Brené S, Lindefors N, Herrera-Marschitz M, Persson H: Expression of dopamine D2 receptor and choline acetyltransferase mRNA in the dopamine deafferented rat caudate-putamen 96
Brittain H → Kaseda Y
Brouillet E → Sayette V de la
Brunelli M → Berretta N
Bures J → Zhuravin IA
Burgard EC → Dahl D
Burke RE → Moschovakis AK
Burnod Y → Caminiti R
Butcher SP, Hamberger A, Morris RGM: Intracerebral distribution of D L-2-amino-phosphonopentanoic acid (AP5) and the dissociation of different types of learning 521
Buzsáki G → Freund TF

Caminiti R, Johnson PB, Burnod Y, Galli C, Ferraina S: Shift of preferred directions of premotor cortical cells with arm movements performed across the workspace 228
Capogna M → Berretta N
Carli G → Porro CA
Carp JS, Powers RK, Rymer WZ: Alterations in motoneuron properties induced by acute dorsal spinal hemisection in the decerebrate cat 539
Cassel JC, Jackisch R, Duschek M, Hornsperger JM, Richards MH, Kelche C, Hertting G, Will B: Long term effects of septohippocampal lesions and intrahippocampal grafts on acetylcholine concentration, muscarinic stimulated formation of inositol phospholipids and electrically evoked release of neurotransmitters in the rat hippocampus 633
Catalin D → Kessler JP
Cavallari P → Baldissera F
Cervero F, Schaible H-G, Schmidt RF: Tonic descending inhibition of spinal cord neurones driven by joint afferents in normal cats and in cats with an inflamed knee joint 675
Chaudhuri A: Pursuit afternystagmus asymmetry in humans 471
Chavoix C → Sayette V de la
Chen X → Poon PWF
Cherkaoui N → Kessler JP
Contestabile A → Virgili M
Copray JCVM, Liem RSB, Willigen JD van: Morphological arrangement between astrocytes and trigeminal mesencaphalic primary afferent neurons in the rat 215
Cowburn R → Luthman J
Crofton JT → Inoue M
Cullen KE, Belton T, McCrea RA: A non-visual mechanism for voluntary cancellation of the vestibulo-ocular reflex 237
Czyzyk-Krzeska MF, Bayliss DA, Seroogy KB, Millhorn DE: Gene expression for peptides in neurons of the petrosal and nodose ganglia in rat 411

Dahl D, Burgard EC, Sarvey JM: NMDA receptor antagonists reduce medial, but not lateral, perforant path-evoked EPSPs in dentate gyrus of rat hippocampal slice 172
Demer J → Baloh RW
Demeulemeester H, Arckens L, Vandesande F, Orban GA, Heizmann CW, Pochet R: Calcium binding proteins as molecular markers for cat geniculate neurons 513
Deuschl G, Michels R, Berardelli A, Schenck E, Inghilleri M, Lücking CH: Effects of electric and magnetic transcranial stimulation on long latency reflexes 403
Deverill M → MacDonald JF
Djamgoz MBA → Yasui S
Domann R, Uhlig S, Dorn T, Witte OW: Participation of interneurons in penicillin-induced epileptic discharges 683
Donkelaar P van, Franks IM: The effects of changing movement velocity and complexity on response preparation: evidence from latency, kinematic, and EMG measures 618
Dorn T → Domann R
Drake RA → Massay JT
Duschek M → Cassel JC

El Mansari M, Sakai K, Jouvet M: Responses of presumed cholinergic mesopontine tegmental neurons to carbachol microinjections in freely moving cats 115
Engel WK → Vita G
Erb DE, Povlishock JT: Neuroplasticity following traumatic brain injury: a study of GABAergic terminal loss and recovery in the cat dorsal lateral vestibular nucleus 253
Errico P → Pettorossi VE
Eysel UT → Wörgötter F

Facchinetti F → Porro CA
Ferraina S → Caminiti R
Fine A → Ridley RM
Forssberg H → Gordon AM
Francesconi W → Berretta N
Franks IM → Donkelaar P van
Freund H-J → Benecke R
Freund TF, Buzsáki G, Leon A, Baimbridge KG, Somogyi P: Relationship of neuronal vulnerability and calcium binding protein immunoreactivity in ischemia 55
Friauf E → Lingenhöhl K
Frost DO, Moy YP, Smith DC: Effects of alternating monocular occlusion on the development of visual callosal connections 200
Fukasawa H → Kawamura S
Fukuda H, Koga T: Midbrain stimulation inhibits the micturition, defecation and rhythmic straining reflexes elicited by activation of sacral vesical and rectal afferents in the dog 303

Gähwiler BH → Østergaard K
Galli C → Caminiti R
Gaymard B → Pierrot-Deseilligny C
Georgopoulos AP, Lurito JT: Cognitive spatial-motor processes. 6. Visuomotor memory scanning 453
Georgopoulos AP → Massay JT
Georgopoulos AP → Taira M
Ghetti B → Kaseda Y
Gioux M, Petit J, Proske U: Slowing of the discharge of secondary endings of cat muscle spindles during fusimotor stimulation 164
Goldberg JM → Minor LB
Gordon AM, Forssberg H, Johansson RS, Westling G: The integration of haptically acquired size information in the programming of precision grip 483
Gordon AM, Forssberg H, Johansson RS,

Westling G: Visual size cues in the programming of manipulative forces during precision grip 477
Guibert B → Sayette V de la
Guido W, Spear PD, Tong L: Functional compensation in the lateral suprasylvian visual area following bilateral visual cortex damage in kittens 219
Guitton D → Paré M

Hamberger A → Butcher SP
Hámori J → Takács J
Hantraye P → Sayette V de la
Haun CK → Vita G
Hawkins EF → Vita G
Heinen SJ, Skavenski AA: Recovery of visual responses in foveal V1 neurons following bilateral foveal lesions in adult monkey 670
Heizmann CW → Demeulemeester H
Herrera-Marschitz M → Brené S
Hertting G → Cassel JC
Highstein SM → Tricas TC
Hocherman S, Wise SP: Effects of hand movement path on motor cortical activity in awake, behaving rhesus monkeys 285
Hoffmann K-P → Klauer S
Hoffmann K-P → Sengpiel F
Hornsperger JM → Cassel JC
Hoy MG → Koshland GF
Hwa GGC, Avoli M, Oliver A, Villemure JG: Bicuculline-induced epileptogenesis in the human neocortex maintained in vitro 329
Hwang JC → Poon PWF

Inghilleri M → Deuschl G
Inoue M, Crofton JT, Share L: Interactions between the brain renin-angiotensin system and brain prostanoids in the control of vasopressin secretion 131

Jackisch R → Cassel JC
Jardon B → Yücel YH
Jean A → Kessler JP
Jeannerod M → Paulignan Y
Johansson RS → Gordon AM
Johnson PB → Caminiti R
Jouvet M → El Mansari M

Kalliomäki J → Schouenborg J
Kaseda Y, Ghetti B, Low WC, Norton J, Brittain H, Triarhou LC, Richter JA, Simon JR: Age-related changes in striatal dopamine D2 receptor binding in weaver mice and effects of ventral mesencephalic grafts 1
Kawamura S, Yasui N, Shirasawa M, Fukasawa H: Effects of a Ca^{2+} entry blocker (nilvadipine) on acute focal cerebral ischemia in rats 434
Kelche C → Cassel JC
Kessler JP, Cherkaoui N, Catalin D, Jean A: Swallowing responses induced by microinjection of glutamate and glutamate agonists into the nucleus tractus solitarius of ketamine-anesthetized rats 151
Khalili-Varasteh M → Sayette V de la
Klauer S, Sengpiel F, Hoffmann K-P: Visual response properties and afferents of nucleus of the optic tract in the ferret 178
Klauer S → Sengpiel F
Klein MJ → Schimchowitsch S
Knight DS → Beal JA
Koga T → Fukuda H
Koshland GF, Hoy MG, Smith JL, Zernicke RF: Coupled and uncoupled limb oscillations during paw-shake response 587
Kostyuk PG, Belan PV, Tepikin AV: Free calcium transients and oscillations in nerve cells 459
Kunimoto M → Sayette V de la

Lemarchand-Béraud T → Rossi GL
Leon A → Freund TF
Liem RSB → Copray JCVM
Lindefors N → Brené S
Lindqvist E → Luthman J
Lindvall O → Wieloch T
Lingenhöhl K, Friauf E: Sensory neurons and motoneurons of the jaw-closing reflex pathway in rats: a combined morphological and physiological study using the intracellular horseradish peroxidase technique 385
Llewellyn M, Yang JF, Prochazka A: Human H-reflexes are smaller in difficult beam walking than in normal treadmill walking 22
Lo FS, Lu S-M, Sherman SM: Intracellular and extracellular in vivo recording of different response modes for relay cells of the cat's lateral geniculate nucleus 317
Low WC → Kaseda Y
Lu S-M → Lo FS
Lücking CH → Deuschl G
Lurito JT → Georgopoulos AP
Lurito JT → Massey JT
Luthman J, Lindqvist E, Young D, Cowburn R: Neonatal dopamine lesion in the rat results in enhanced adenylate cyclase activity without altering dopamine receptor binding or dopamine- and adenosine 3′:5′-monophosphate-regulated phosphoprotein (DARPP-32) immunoreactivity 85

MacDonald JF, Brandes L, Deverill M, Mody I, Salter MW, Theriault E: Mammalian neurons in dissociated cultures from clusters in the presence of retinal pigment epithelium 643
MacKenzie C → Paulignan Y
Marini G → Baldissera F
Marshall KW, Tatton WG: Joint receptors modulate short and long latency muscle responses in the awake cat 137
Marteniuk R → Paulignan Y
Massay JT, Drake RA, Georgopoulos AP: Cognitive spatial-motor processes. 5. Specification of the direction of visually guided isometric forces in two-dimensional space: time course of information transmitted and effects of constant force bias 446
Massey JT, Drake RA, Lurito JT, Georgopoulos AP: Cognitive spatial-motor processes. 4. Specification of the direction of visually guided isometric forces in two-dimensional space: information transmitted and effects of visual force-feedback 439
Mazière M → Sayette V de la
McCrea RA → Cullen KE
McCrea RA → Minor LB
Meyer B-U → Benecke R
Michels R → Deuschl G
Millhorn DE → Czyzyk-Krzeska MF
Mine S → Taira M
Minor LB, McCrea RA, Goldberg JM: Dual projections of secondary vestibular axons in the medial longitudinal fasciculus to extraocular motor nuclei and the spinal cord of the squirrel monkey 9
Miyauchi Y → Wieloch T
Mody I → MacDonald JF
Moore JW → Berthier NE
Morris RGM → Butcher SP
Moschovakis AK, Sholomenko GN, Burke RE: Differential control of short latency cutaneous excitation in cat FDL motoneurons during fictive locomotion 489
Motter BC, Poggio GF: Dynamic stabilization of receptive fields of cortical neurons (VI) during fixation of gaze in the macaque 37
Moy YP → Frost DO
Muche T → Wörgötter F
Murata A → Taira M

Nandi KN → Beal JA
Norton J → Kaseda Y

Oliver A → Hwa GGC
Østergaard K, Schou JP, Gähwiler BH, Zimmer J: Tyrosine hydroxylase immunoreactive neurons in organotypic slice cultures of the rat striatum and neocortex 357
Orban GA → Demeulemeester H

Pandya DN → Yeterian EH
Panerai AE → Porro CA
Paré M, Guitton D: Gaze-related activity of brainstem omnipause neurons during combined eye-head gaze shifts in the alert cat 210
Paulignan Y, MacKenzie C, Marteniuk R, Jeannerod M: Selective perturbation of visual input during prehension movements. I. The effects fo changing object position 502
Persson H → Brené S
Petit J → Gioux M
Pettorossi VE, Errico P, Santarelli RM: Contribution of the maculo-ocular reflex to gaze stability in the rabbit 366
Pierrot-Deseilligny C, Rivaud S, Gaymard B, Agid Y: Cortical control of memory-guided saccades in man 607
Pitkänen A, Amaral DG: Demonstration of projections from the lateral nucleus to the basal nucleus of the amygdala: a PHA-L study in the monkey 465
Pochet R → Demeulemeester H
Poggio GF → Motter BC

Poon PWF, Chen X, Hwang JC: Basic determinants for FM responses in the inferior colliculus of rats 598
Porro CA, Tassinari G, Facchinetti F, Panerai AE, Carli G: Central beta-endorphin system involvement in the reaction to acute tonic pain 549
Povlishock JT → Erb DE
Powers RK → Carp JS
Prenant C → Sayette V de la
Prochazka A → Llewellyn M
Proske U → Gioux M

Reymond MJ → Rossi GL
Richards MH → Cassel JC
Richmond BJ → Spitzer H
Richter JA → Kaseda Y
Ridley RM, Thornley HD, Baker HF, Fine A: Cholinergic neural transplants into hippocampus restore learning ability in monkeys with fornix transections 533
Rivaud S → Pierrot-Deseilligny C
Rossi GL, Bestetti GE, Reymond MJ, Lemarchand-Béraud T: Morphofunctional study of the effects of fetal exposure to cyproterone acetate on the hypothalamo-pituitary-gonadal axis of adult rats 349
Rymer WZ → Carp JS

Sakai K → El Mansari M
Sakata H → Taira M
Salter MW → MacDonald JF
Santarelli RM → Pettorossi VE
Sarvey JM → Dahl D
Saverino O → Virgili M
Sayette V de la, Chavoix C, Brouillet E, Hantraye P, Kunimoto M, Khalili-Varasteh M, Guibert B, Prenant C, Mazière M: In vivo benzodiazepine receptor occupancy by CL 218,872 visualized by positron emission tomography in the brain of the living baboon: modulation by GABAergic transmission and relation with anticonvulsant activity 397
Schaible H-G → Cervero F
Schenck E → Deuschl G
Schimchowitsch S, Vuillez P, Tappaz ML, Klein MJ, Stoeckel ME: Systematic presence of GABA-immunoreactivity in the tubero-infundibular and tubero-hypophyseal dopaminergic axonal systems: an ultrastructural immunogold study on several mammals 575
Schmidt RF → Cervero F
Schneider RJ: Loss of information concerning hair displacement and other somatic stimuli in the first somatic sensory cortex of unanesthetized *Macaca mulatta* monkeys following dorsal funiculus transections 105
Schou JP → Østergaard K
Schouenborg J, Kalliomäki J: Functional organization of the nociceptive withdrawal reflexes. I. Activation of hindlimb muscles in the rat 67
Sengpiel F, Klauer S, Hoffmann K-P: Effects of early monocular deprivation on response properties and afferents of nucleus of the optic tract in the ferret 190
Sengpiel F → Klauer S
Seroogy KB → Czyzyk-Krzeska MF
Share L → Inoue M
Sherman SM → Lo FS
Shirasawa M → Kawamura S
Sholomenko GN → Moschovakis AK
Silakov V → Takács J
Simon JR → Kaseda Y
Skavenski AA → Heinen SJ
Smith DC → Frost DO
Smith JL → Koshland GF
Somogyi P → Freund TF
Spear PD → Guido W
Spitzer H, Richmond BJ: Task difficulty: ignoring, attending to, and discriminating a visual stimulus yield progressively more activity in inferior temporal neurons 340
Stoeckel ME → Schimchowitsch S

Taira M, Mine S, Georgopoulos AP, Murata A, Sakata H: Parietal cortex neurons of the monkey related to the visual guidance of hand movement 29
Takács J, Hámori J, Silakov V: GABA-containing neuronal processes in normal and cortically deafferented dorsal lateral geniculate nucleus of the cat: an immunogold and quantitative EM study 562
Tappaz ML → Schimchowitsch S
Tassinari G → Porro CA
Tassone G → Baldissera F
Tatton WG → Marshall KW
Tepikin AV → Kostyuk PG
Theriault E → MacDonald JF
Thornley HD → Ridley RM
Tong L → Guido W
Triarhou LC → Kaseda Y
Tricas TC, Highstein SM: Visually mediated inhibition of lateral line primary afferent activity by the octavolateralis efferent system during predation in the free-swimming toadfish, *Opsanus tau* 233

Uhlig S → Domann R

Vaccari M → Virgili M
Vandesande F → Demeulemeester H
Villemure JG → Hwa GGC
Virgili M, Saverino O, Vaccari M, Barnabei O, Contestabile A: Temporal, regional and cellular selectivity of neonatal alteration of the thyroid state on neurochemical maturation in the rat 555
Vita G, Haun CK, Hawkins EF, Engel WK: Down-regulation of thyrotropin-releasing hormone (TRH) receptors in spinal cord after transection as revealed by quantitative autoradiography 381
Vuillez P → Schimchowitsch S

Westling G → Gordon AM
Wieloch T, Miyauchi Y, Lindvall O: Neuronal damage in the striatum following forebrain ischemia: lack of effect of selective lesions of mesostriatal dopamine neurons 159
Will B → Cassel JC
Willigen JD van → Copray JCVM
Wise SP → Hocherman S
Witte OW → Domann R
Wörgötter F, Eysel UT: Axial responses in visual cortical cells: Spatio-temporal mechanisms quantified by Fourier components of cortical tuning curves 656
Wörgötter F, Muche T, Eysel UT: Correlations between directional and orientational tuning of cells in cat striate cortex 665

Yamada M → Yasui S
Yang JF → Llewellyn M
Yasui N → Kawamura S
Yasui S, Yamada M, Djamgoz MBA: Dopamine and 2-amino-4-phosphonobutyrate differentially modify spectral responses of H1 horizontal cells in carp retina 79
Yeterian EH, Pandya DN: Corticothalamic connections of the superior temporal sulcus in rhesus monkeys 268
Young D → Luthman J
Yücel YH, Jardon B, Bonaventure N: Unilateral pretectal microinjections of SR 95531, a GABA A antagonist: effects on directional asymmetry of frog monocular OKN 527

Zernicke RF → Koshland GF
Zhuravin IA, Bures J: Extent of the tetrodotoxin induced blockade examined by pupillary paralysis elicited by intracerebral injection of the drug 687
Zimmer J → Østergaard K